



# Department of Toxic Substances Control

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#### DTSC STATUS REPORT UPDATE

South Richmond Shoreline Sites March 9, 2006

The purpose of this update is to inform the community of activities that have occurred since February 8, 2006 and activities that are expected to occur in the next 30 days at the South Richmond Shoreline Sites.

#### Zeneca/Former Stauffer Chemical Site -

# **Activities Completed:**

- DTSC reviewed and provided comments to the Current Conditions Reports for Lots 1, 2 and 3. The reports summarize the site data and history, describe previous cleanup actions, identify data gaps and propose additional soil, groundwater and soil gas sampling locations.
- DTSC reviewed and provided comments to the Field Sampling and Analysis Plan for Lots 1, 2 and 3. The plan describes in detail the proposed sample locations and methods to collect and analyze the samples.
- The Site Responsible Parties revised the Field Sampling and Analysis Plan based on DTSC comments. DTSC reviewed and has approved the plan.
- The Responsible Parties met with DTSC to discuss the findings of the groundwater and soil sampling conducted in the northwest portion of the site. Trichloroethylene (TCE) at a concentration of 7.5 milligrams per kilogram (mg/kg), tetrachloroethylene (PCE) at 39 mg/kg, and polychlorinated biphenyls (PCBs) up to 32 mg/kg were detected in the soil in a 1.5 foot sample collected from boring MW-25. Groundwater also contained up to 2.4 milligrams per liter (mg/l) of TCE in monitoring well MW-25.

Based upon these findings, the Responsible Parties will be conducting additional testing in the area to determine the extent of the contamination on an expedited time schedule. After the area is defined, DTSC will also be requesting that the soils be excavated.

### Activities Proposed for the Next 30-days:

Soil and groundwater sampling will begin on March 9, 2006. The sampling will begin with Cone penetrometer testing (CPT). A CPT rig is a large truck that a probe is attached to. The probe is pushed into the ground and information about the characteristics of the soil can be collected. Groundwater samples can also be collected as the probe is pushed into the ground. Beginning the week of March 20<sup>th</sup>, soil and groundwater sampling will begin using a direct push method. South Richmond Shoreline Sites Status Update March 9, 2006 Page 2

This method also uses a truck that pushes steel rods into the ground to collect soil and groundwater. After the soil and groundwater samples are collected, the installation of groundwater monitoring wells will begin. Portable restroom facilities have been provided for the drilling contractor's use.

- DTSC will be collecting split groundwater and co-located soil samples for laboratory analysis during the field sampling event.
- The re-planting of East Stege Marsh is now anticipated to begin in April. The delay has been due to contracting issues.
- Signs will be posted on the no-climb fence around East Stege Marsh. Posting of the signs have been delayed as the signs have not been delivered yet.

# Harbor Front Site (businesses to the east of Zeneca Site)

### Activities Completed:

- Background samples for radionuclide testing were collected.
- All laboratory data except for radionuclide samples have been received and have been reviewed. A map depicting the groundwater volatile organic compound (VOC) data is attached to this update.

# Activities Proposed for the Next 30-days:

• DTSC's contractor, Weiss Associates, is preparing a draft report describing the field work that was conducted and the sample results.

#### **UC Richmond Field Station**

No update activities.

#### Meeker Beach

### Activities Completed:

 DTSC's contractor, ERRG, has prepared a draft report describing the exploratory investigation. DTSC has reviewed this report and provided comments to ERRG.

### Activities Proposed for the Next 30-days:

• Finalization of the exploratory investigation report. After this report is finalized, it will be made available to the public.

# **Marina Bay Area**

**Vincent Park** – Sampling of the top two feet of soil was conducted in November 2005. The purpose of this sampling is to confirm that two feet of clean soil caps the contamination in place. The draft report was submitted to DTSC for review on February 6, 2006. DTSC plans to complete its review in the next week.

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**Area FM** – Trenching for utility lines was conducted between January 11 and January 16, 2006. Construction of the remaining portions of the cap is expected to begin in April 2006 and be completed by fall 2006.

**Area T** – DTSC approved the Remedial Design and Implementation Plan for Area T. The design provides details regarding the excavation and offsite disposal of soil contaminated with paint and paint debris, petroleum hydrocarbons and lead. This work is projected to begin in April 2006 and be complete by summer 2006. A work notice will be distributed to the community before work begins.

**West Shores** – DTSC received a Soil Management Plan (SMP) with confirmation sampling on February 23, 2006. DTSC sent comments to the consultant on March 1, 2006.

The SMP requires that the contaminated soil will be excavated and disposed offsite at an appropriate facility. The SMP includes dust monitoring to ensure that workers and the community are not impacted by the removal activities. The consultant estimates that 225 truckloads will be necessary to complete the excavation and disposal project. Trucks will be routed west on Hall Avenue and north on Harbour Way South to Interstate 580.

**Stege Property Pistol Range** – DTSC received the revised Removal Action Workplan (RAW) prepared by Union Pacific Railroad. DTSC will be reviewing the draft RAW. After the draft RAW is approved by DTSC, the community will have the opportunity to provide comments to the document. More information will be provided regarding the opportunities for public involvement.